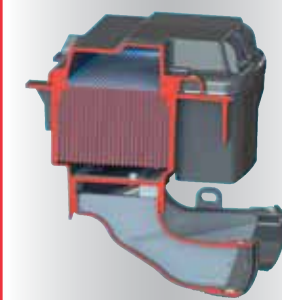
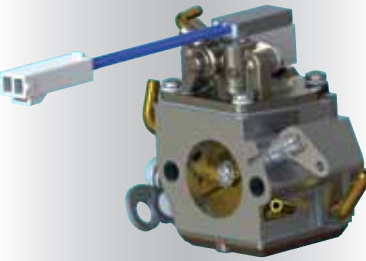


Starting has never been easier

There is no manual choke to pull and no half-throttle button to push. The electronic ignition system controls the carburetor and automatically sets the correct adjustment by measuring the engine temperature. Depending on the engine speed, a magnetic valve is opened or closed to provide the optimum mixture for all temperatures. The primer bulb supplies the carburetor with fresh fuel for starting and the decompression valve allows easy starting of the engine. If you need to stop, pushing a button is all that is needed. The One Push-Stop-System stops the engine and immediately prepares the engine again for renewed operation without further adjustments.

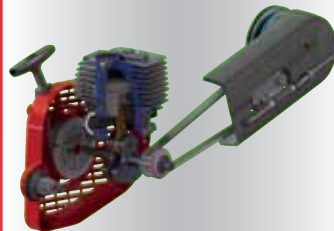


Innovative air filtration system

The effective multi-stage air filter system with patented twin-pipe-interceptor constantly blows the dust away from the machine. The design of a pre-separation airbox with two suction pipes creates air pulsation that blows out air through the suction pipes. For that reason only pre-filtered air will reach the paper segments of the main filter. This makes the SOLO 880 and 881 Cut-off Saws more resistant to dust when used on building sites. By turning an external rocker wheel, vibrations shake remaining impurities from the air filter. This system extends the life of the filter; periodic inspection of the filter is still necessary, especially when dry cutting.

Ergonomic advantages

Right from the beginning of this saw's development, Solo aimed for optimum weight distribution. This has been achieved through a compact design and optimum handle symmetry that has not been previously seen in this performance range. The utilization of light-weight but very robust materials contribute to the ergonomic advantages. An example is the cutting wheel protection cover made from magnesium. The anti-vibration system with five steel springs and the rubber covered handles contribute to fatigue-free operation. A protection plate reduces spark spray against the operator and the machine when cutting steel. The robust cutting arm can be easily turned for the inside/outside cut.



Long operational service life – Designed for tough every day use

To drive the cutting wheel, we use a low wear V-ribbed belt. A semi-automatic system assists to re-tighten the belt. The special starter rope lasts 10 times longer than standard starter ropes. The SOLO high performance engine is equipped with a Nikasil®-coated cylinder and 2-ring Mahle® piston for maximum service life expectancy.

Accessories

Equipped for all tasks: whether for cutting stone or metal; correct accessories convert SOLO Cut-off Saws into universal work tools. Solo accessories include a wheel set and water pressure tank. Your SOLO dealer will gladly provide further advice.



Service Center Starter Kit

This kit includes the recommended spare parts at an attractive special price:

- 1 x Air filter, 10 pcs. (2500794)
- 2 x Belt (0057114)
- 10 x Screen insert (2500771)
- 2 x Tank cap fuel (2700240)
- 2 x Tank cap oil (2700241)
- 2 x Filter fuel pick-up (2700135)
- 2 x Oil strainer (6700121)
- 2 x Spark plug (2300730)
- 2 x Decompression valve (2800881)
- 2 x Centrifugal clutch (3500470)
- 2 x Clutch drum (3500483)
- 4 x Clamping flange (2016459)
- 2 x Screw M8x18 (0010172)
- 2 x Filter cartridge (407492225)

Part no. 8900123



Air Filter

Part No. 2500793

(pack. lot 1 pc.)

Part No. 2500794

(pack. lot 10 pcs.)

Part No. 2500795

(pack. lot 20 pcs.)



Pressurized Water Tank

Fill capacity 3 gal / 11 litres

For the mobile supply of water for the wet cut and the prevention of dust development on building sites.

Easy to handle: with wheels for comfortable transport. Supplied with 11.5" / 3.5m of hose to connect to the cut-off saw.

Part no. 8000150



Wheel Set

Robust, ball bearing supported wheel set to easily and precisely guide cut-off machine on level ground.

Part no. 2900108

solo

THE BETTER CHOICE. SINCE 1948.

German quality sprayers and cut-off machines

SOLO Incorporated
5100 Chestnut Avenue
Newport News, VA 23605
Phone (757) 245-4228
Fax (757) 245-0800
www.SoloUSA.com
E-mail: Solo@SoloUSA.com

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THE BETTER CHOICE. SINCE 1948.

German quality sprayers and cut-off machines

Technology driven by Innovation

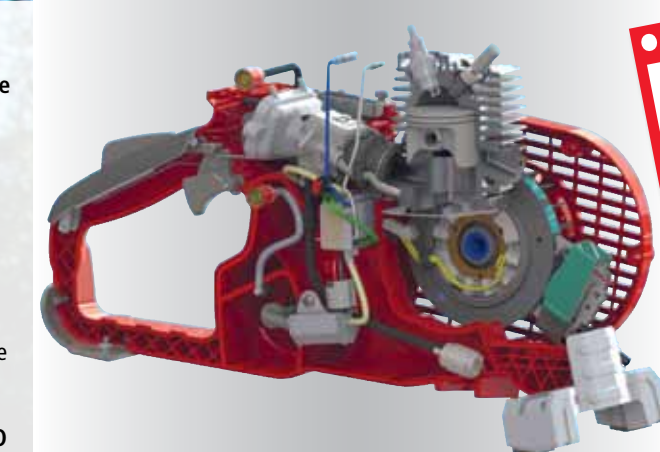
Inspired details:

The quality of a work tool shows up with daily hard use under difficult and grueling conditions. For that reason, SOLO aimed for uncomplicated operation of the saws, outstanding ergonomic handling and robust design. The new SOLO Cut-off Saws are equipped with features that are innovative and exceptional.

Wherever serious work performance is required for cutting materials such as concrete, steel, asphalt, castings or stone, the new SOLO Cut-off Saws are the professional's choice. The models 880 and 881 set new standards in ergonomic design, refined technical features and ease of maintenance that are quite unique in this engine class. Available in both 12"/300 mm and 14"/350 mm, the 880 and 881 models are powered by an 81 cc SOLO two-stroke high performance engine. Even the hardest metals will not stand a chance against 5.45 HP/ 4 kW of pure power. The utilization of the latest technology helps the environment by keeping emissions clean without significant loss of power.

Patented world's first iLube®. Never again worry about the fuel mixture

iLube® stands for "intelligent lubrication." It is our patented system for separate engine lubrication. An electronically controlled pump adds the correct quantity of 2-stroke oil, metered to suit the engine speed, to the fuel from a separate oil tank with a volume capacity of 10.8 oz/0.32 litres.



Advantages specific to SOLO Cut-off Saws – thanks to iLube®

iLube® prevents expensive damage

There is no need to pre-mix fuel and oil. This excludes any risk of incorrect fueling – a main cause for expensive engine damage. Amazingly, the full contents of the separate oil tank are sufficient for up to 20 fuel tank fillings.

When there is insufficient oil in the tank, the engine automatically switches to a fault mode that reduces the engine speed to just above idling. This will also prompt a change in the engine sound compared with normal operation. This is the signal to replenish the oil tank.

iLube® saves money

Instead of having to use expensive, pre-mixed two-stroke fuel, you simply use standard fuel and oil.

iLube® makes it less complicated:

Simply fill oil and fuel in the separate tanks and concentrate on the work ahead while the intelligent separate engine lubrication system from SOLO takes care of fuel mix matters.

iLube®

intelligent LUBRICATION

Cut-off Saws and Accessories



Powerful models for genuine hard work

SOLO Cut-off Saws effortlessly cut their way through concrete, steel, asphalt, cast iron or stone. They also set a new benchmark because ergonomic features, technical details and the ease of maintenance are quite unique in this engine class. Both models are designed for the use of cutting wheel diameters of 12" / 300 mm or 14" / 350 mm. The 881-series is additionally equipped with the innovative separate lubrication system iLube®.

At the core of all SOLO Cut-off Saws is the modern 81 cm³ high performance two-stroke power head, developed and manufactured by SOLO in Sindelfingen, Germany . The power rating of 5.45 HP / 4 kW is more than sufficient to cut the hardest materials. Amazingly, these engines produce very low emissions despite their high performance output.

Model features of SOLO Cut-off Saws



Model	881-12	881-14	880-12	880-14
iLube®			-	-
Oil tank, oz / litres	10.8 / 0,32	10.8 / 0,32	-	-
Carburettor with primer	•	•	•	•
Automatic choke	•	•	•	•
Air filter with rocker wheel	•	•	•	•
Cutting wheels – in / mm ¹	12 / 300	14 / 350	12 / 300	14 / 350
Cutting depth max. in / mm	4 / 100	5 / 125	4 / 100	5 / 125
Dimensions (L / W / H) in	29.53 / 10.52 / 16.93	30.52 / 10.52 / 16.93	29.53 / 10.52 / 16.93	30.52 / 10.52 / 16.93
(L / W / H) mm	750 / 267 / 430	775 / 267 / 430	750 / 267 / 430	775 / 267 / 430
Weight ² lb / kg	22.92 / 10,4	23.15 / 10,5	22.26 / 10,1	22.49 / 10,2

¹ for use with standard cutting blades, available from your dealer
² no fuel and no cutting wheel

Common model features of SOLO Cut-off Saws

Engine	SOLO 2-stroke, 4-port scavenging
Engine capacity cm³	81 cm³
Performance (HP/kW)	5.45 / 4.0 (at 9300 1/min)
Digital electronic ignition	•
Fuel tank capacity, oz / litres	30.4 / 0,9
Tank lid with over tightening prevention	•
Decompression valve	•
Twin-pipe air filter	•
Water connection set	•
Spindle diameter/shaft ³ mm	20
Sound pressure level ⁴ dB(A)	98
Sound power level ⁴ dB(A)	108
Weighted effective acceleration ⁵	4.5 / 6.0
Rear handle / front handle m/s²	

³ Spindle adaptor supplied for use with 1" cutting wheel center
⁴ Insecurity K purs. to EC directive 2006/42/EC: 2.5 dB(A)
⁵ Insecurity K purs. to EC directive 2006/42/EC: 2 m/s²



Cutting blade not included.

Cutting blade not included.